

## ABSTRACT

A method and a protection switching arrangement for protection switching of any one of a plurality of optical signals of a multi-wavelength optical signal from the failure of an optical component is provided. The multi-wavelength optical signal which contains the optical signals is itself rerouted by the use of wavelength agnostic rerouting elements, after which a tunable optical filter is used to obtain from the multi-wavelength optical signal the particular optical signal which would have been affected by the failure. In embodiments of the invention where the failed component is a switching fabric, the multi-wavelength optical signal is rerouted away from the failed switching fabric through a redundant switching fabric after which the particular optical signal is obtained with use of the tunable optical filter.